

Fig. 1

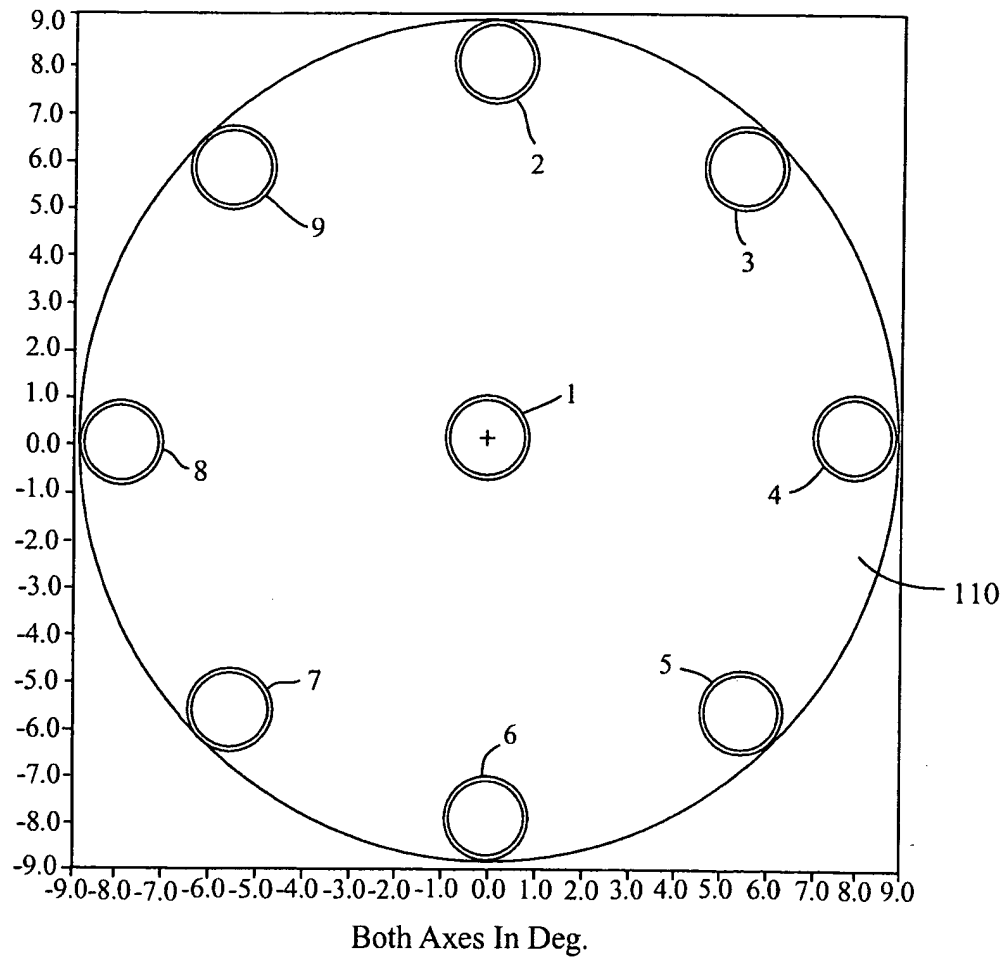
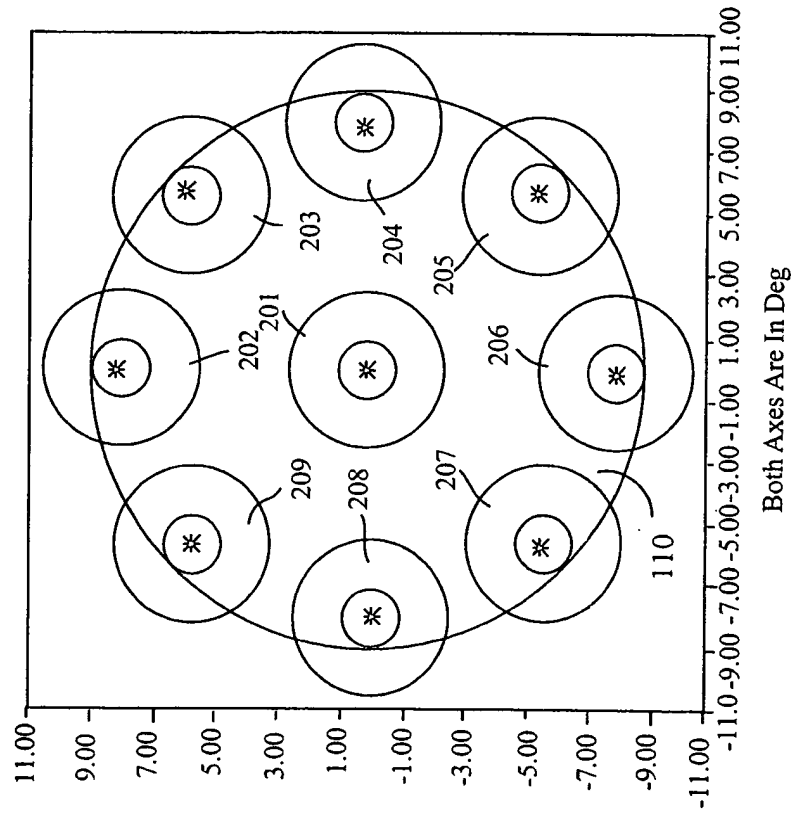


Fig. 2



20.2 GHz Performance Summary			
Beam Number	Min. EOC Gain (dB)	Peak Performance	
1	37.41	40.51	
2	37.29	40.33	
3	37.40	40.30	
4	37.32	40.29	
5	37.28	40.33	
6	37.20	40.36	
7	37.37	40.33	
8	37.25	40.30	
9	37.28	40.32	
Minimum EOC	37.20		

Fig. 3

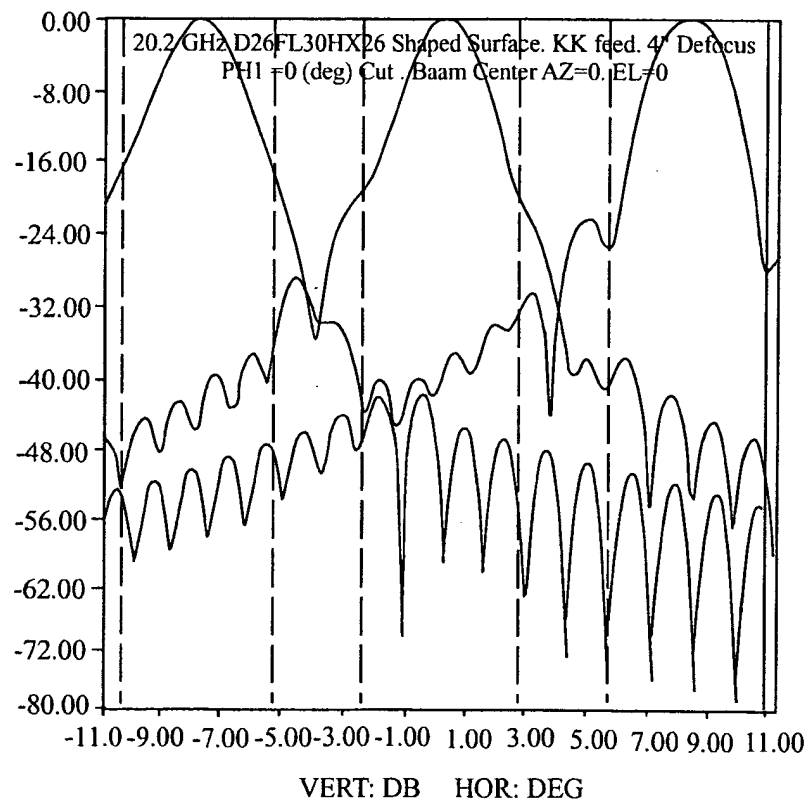
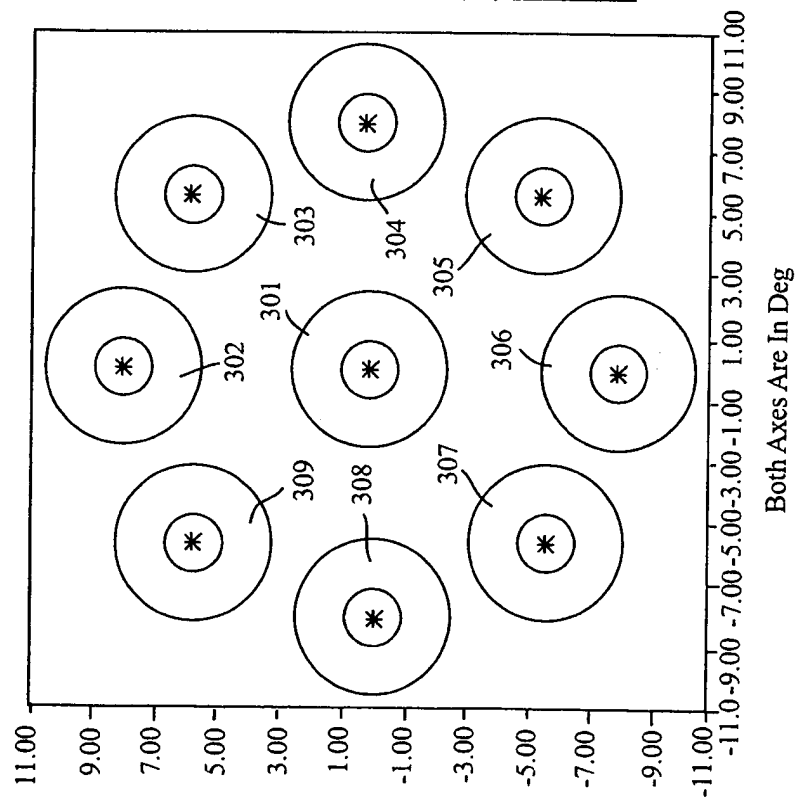


Fig. 4



30.5 GHz Performance Summary			
Beam Number	Min. EOC Gain (dB)	Peak Performance	
1	37.31	43.05	
2	37.00	42.85	
3	37.30	42.76	
4	37.19	42.71	
5	37.14	42.76	
6	37.04	42.80	
7	37.26	42.80	
8	37.15	42.79	
9	37.31	42.83	
Minimum EOC	37.00		

Fig. 5

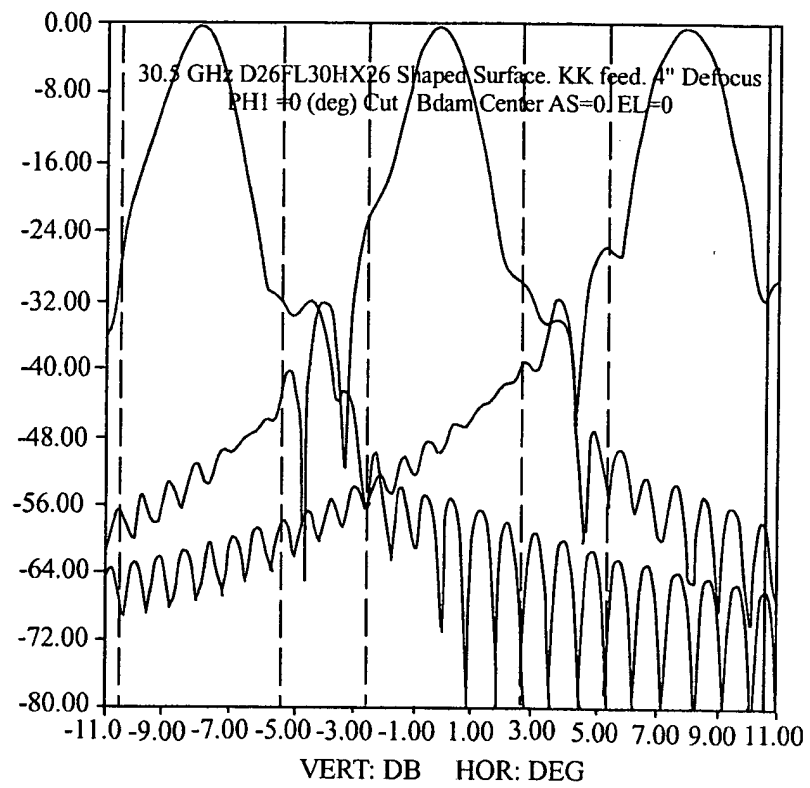


Fig. 6

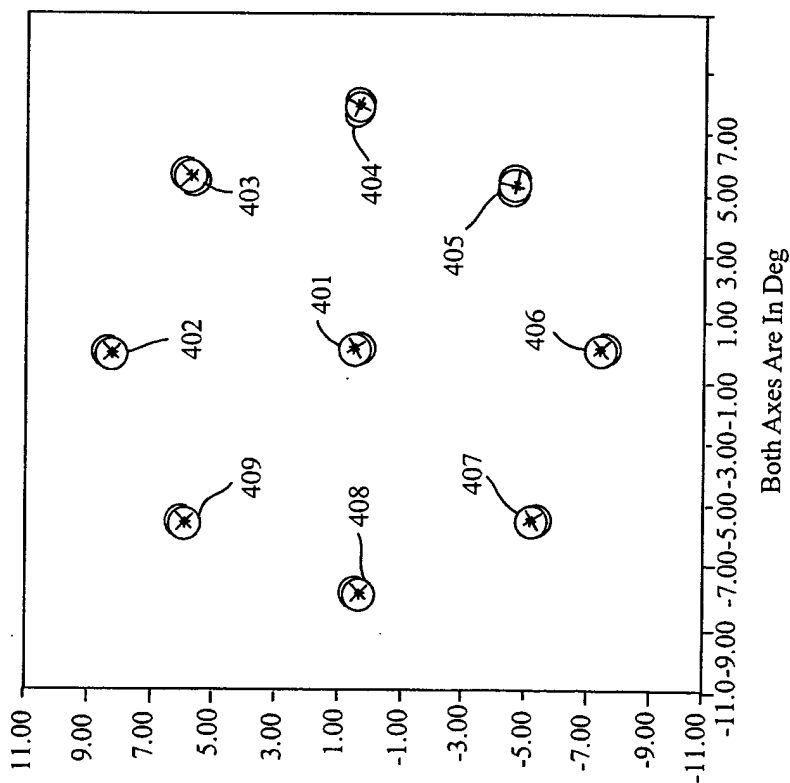


Fig. 7

45 GHz Performance Summary After Shapping		
Beam Number	Min. EOC Gain (dB)	Peak Performance
1	41.72	44.74
2	41.32	44.65
3	41.31	44.52
4	41.00	44.38
5	41.32	44.39
6	41.10	44.49
7	41.32	44.54
8	41.05	44.57
9	41.43	44.83
Minimum EOC	41.05	

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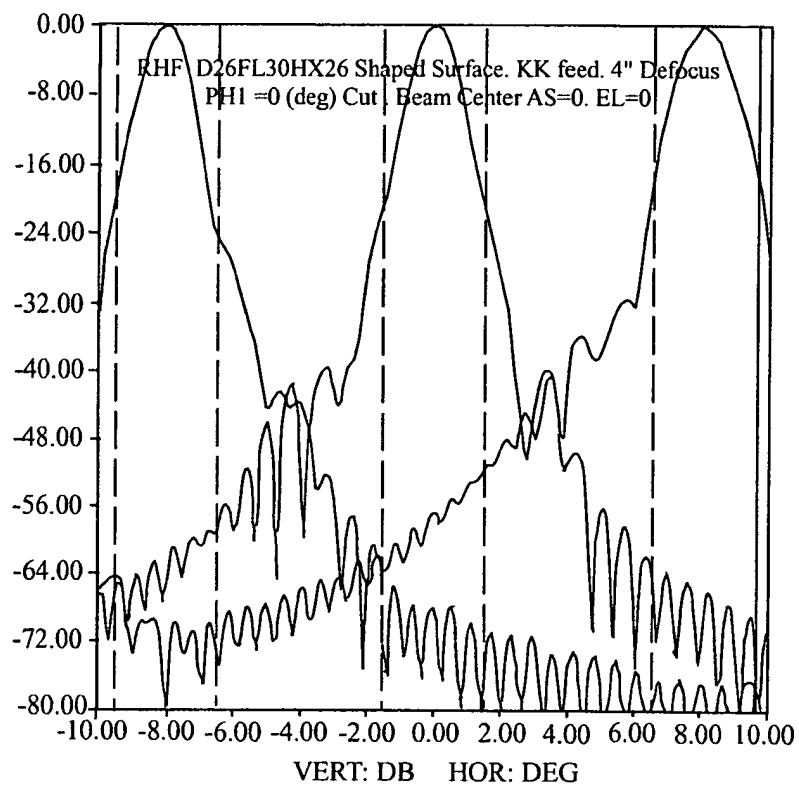


Fig. 8

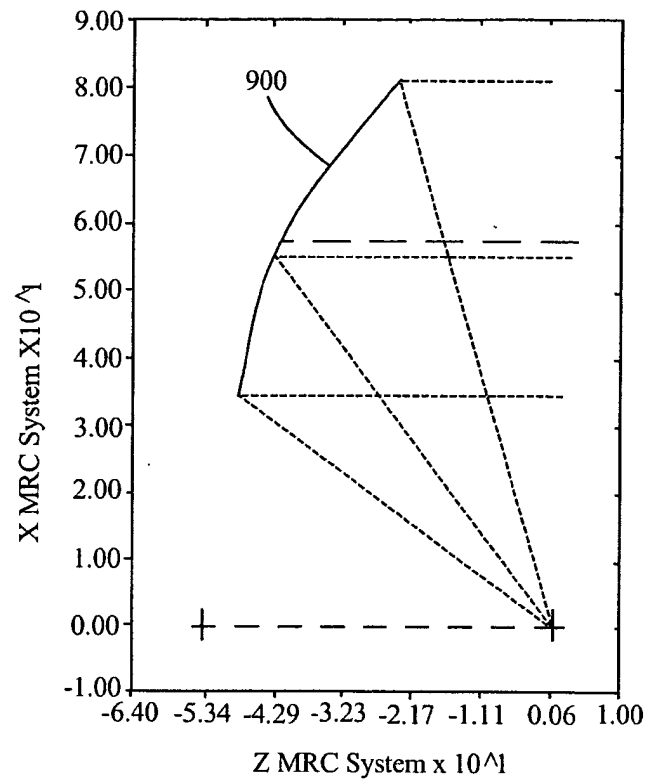


Fig. 9

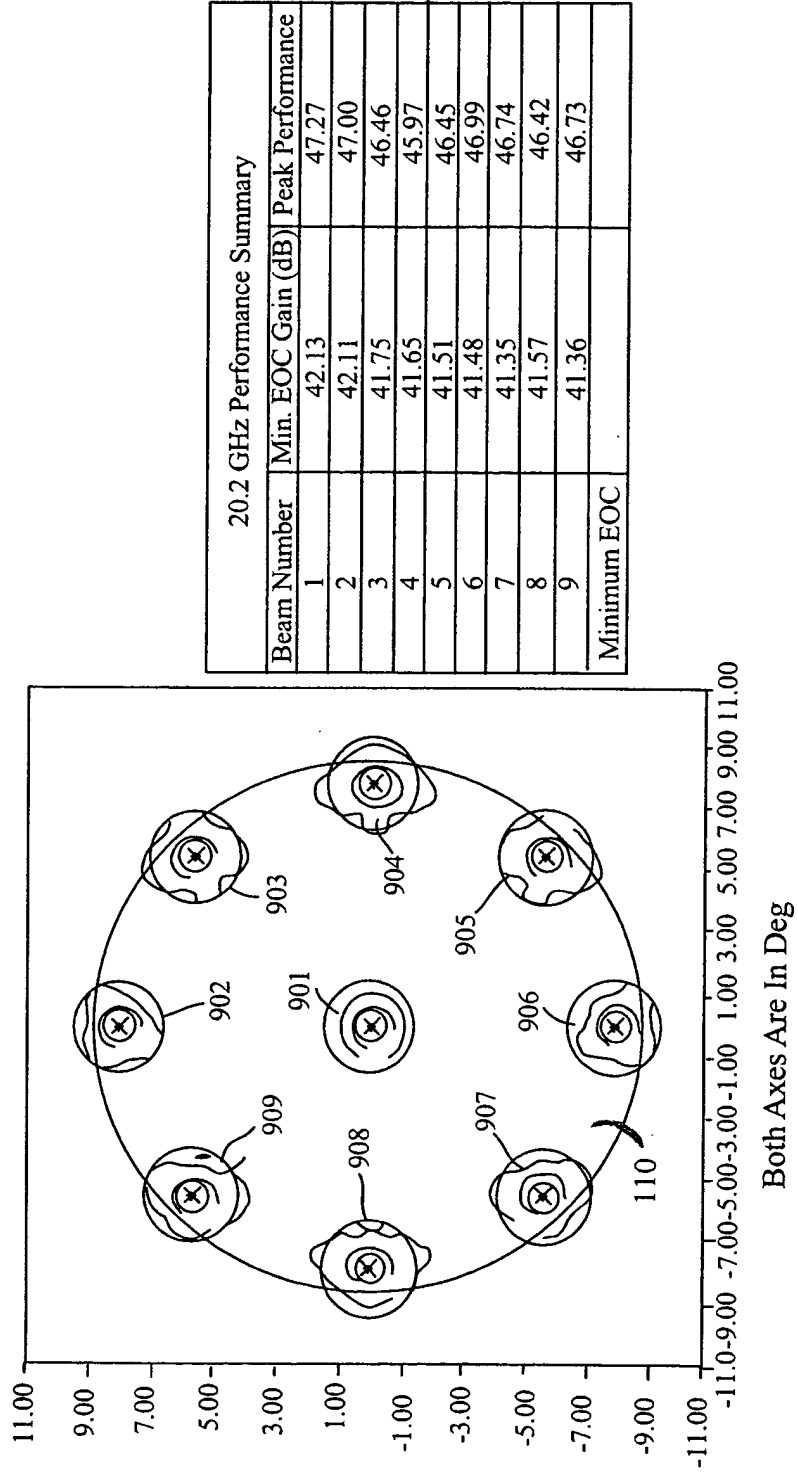


Fig. 10

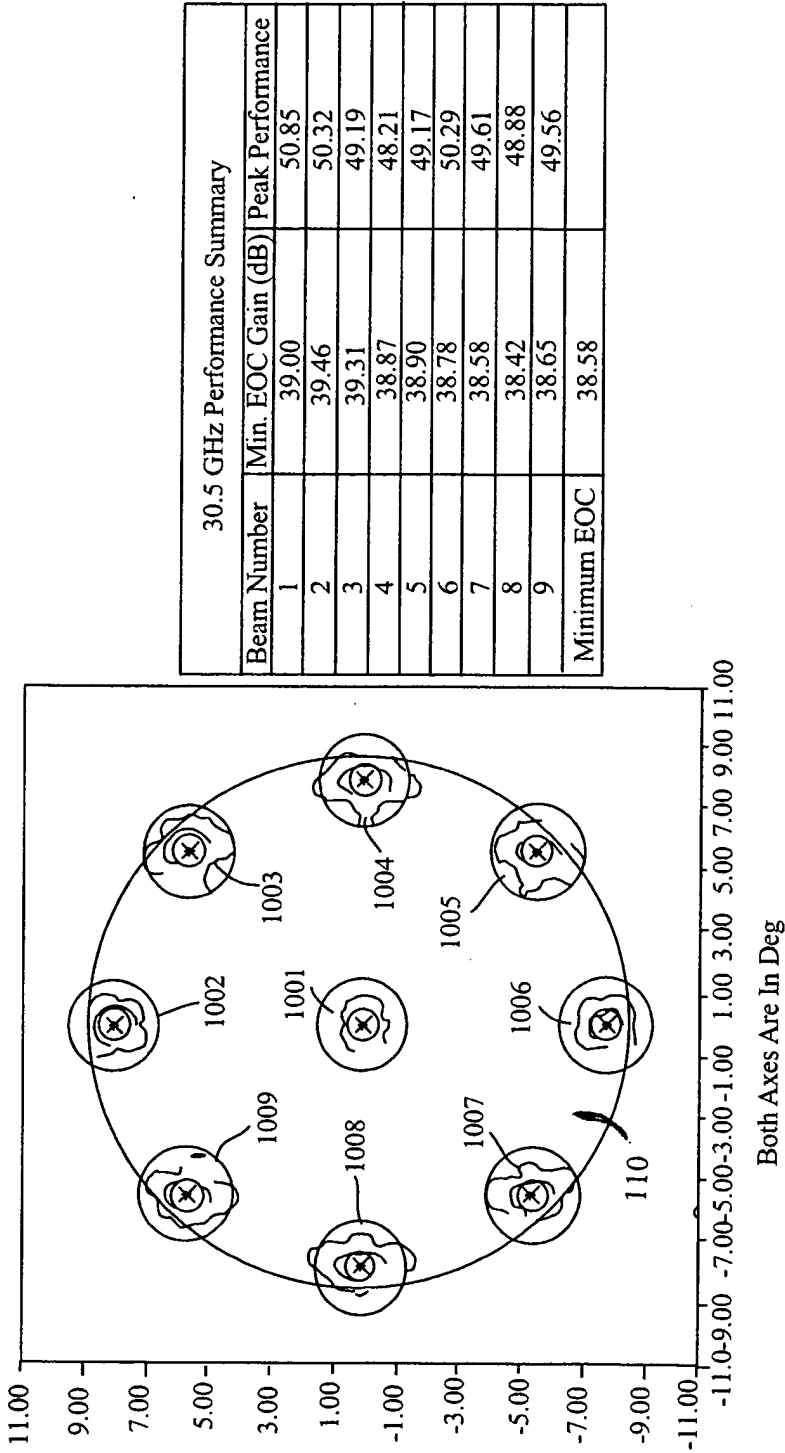


Fig. 11

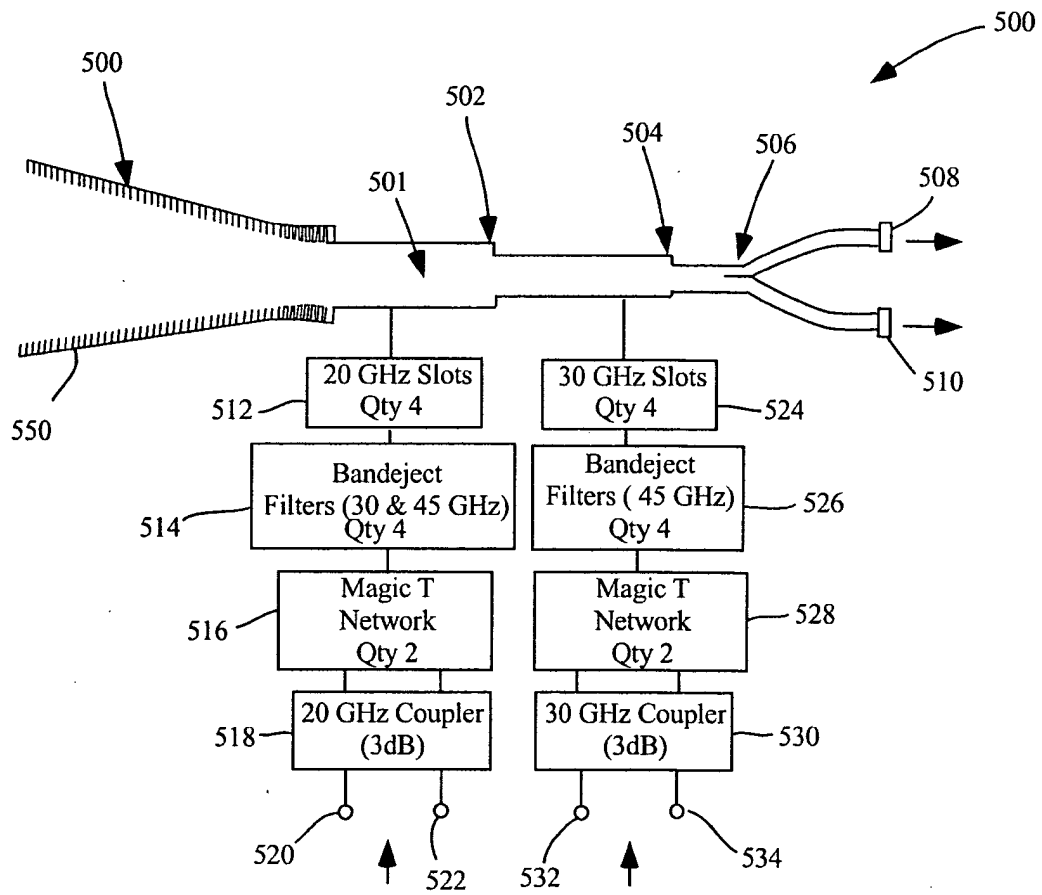


Fig. 12

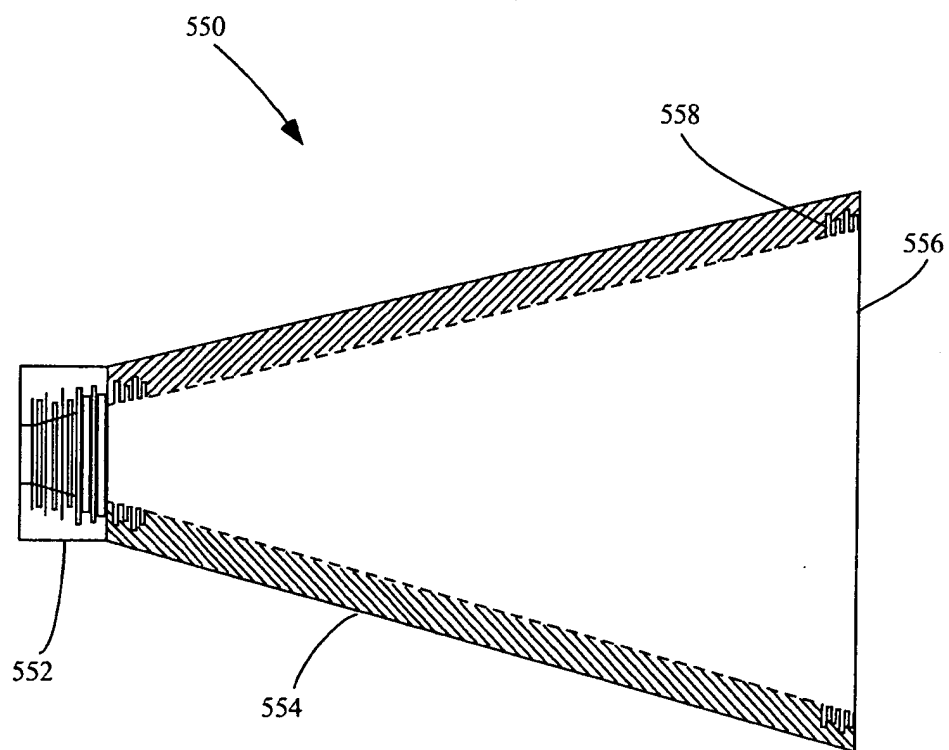


Fig. 13

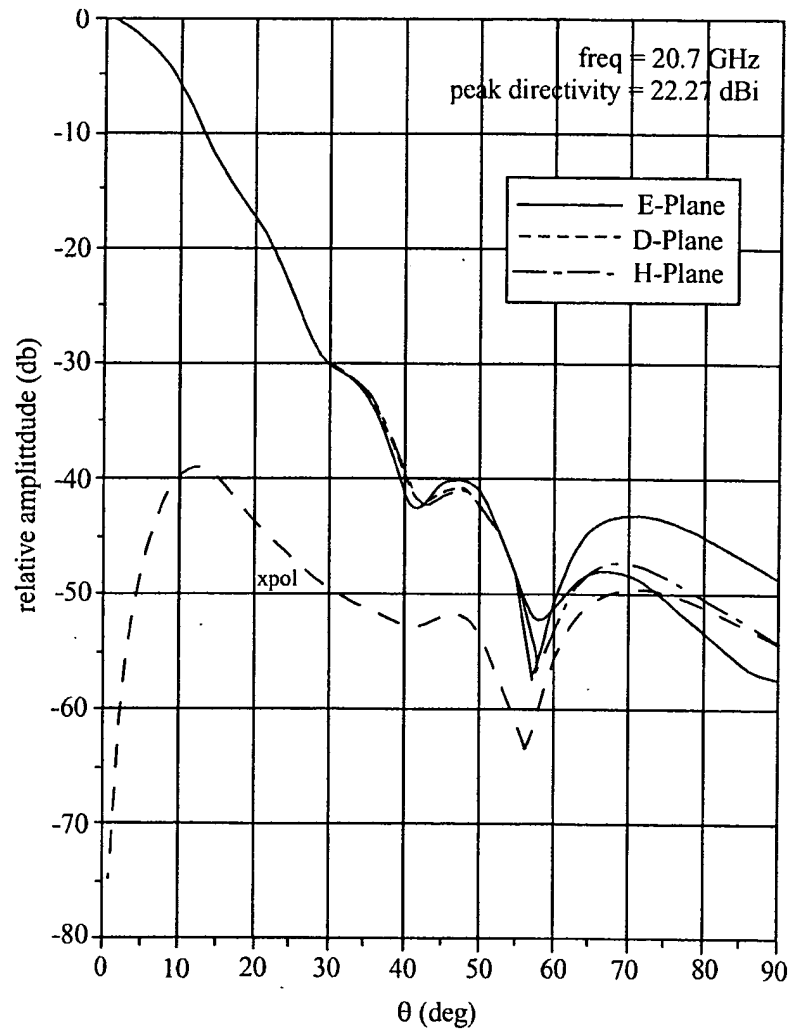


Fig. 14

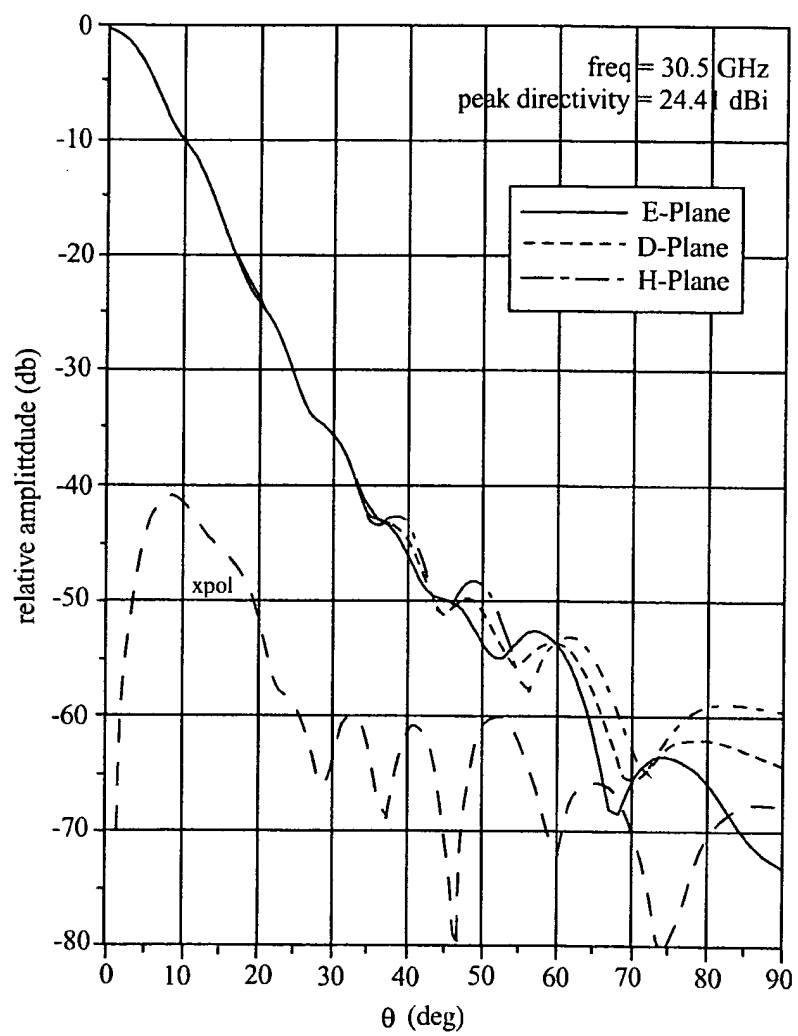


Fig. 15

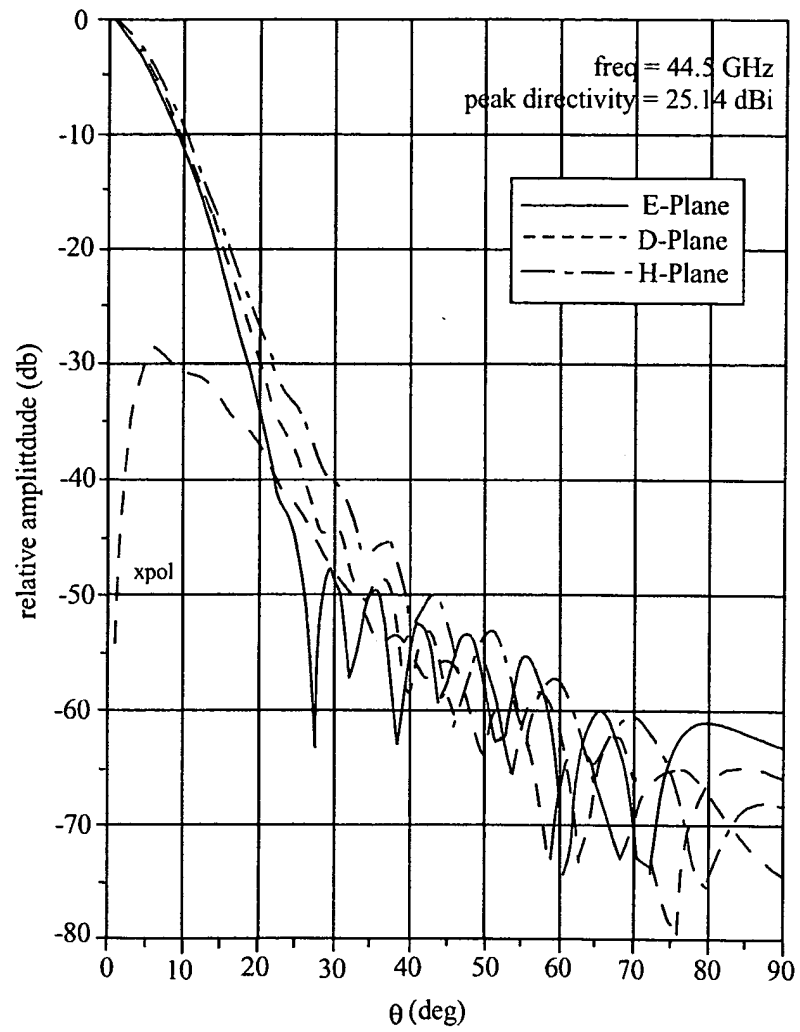


Fig. 16

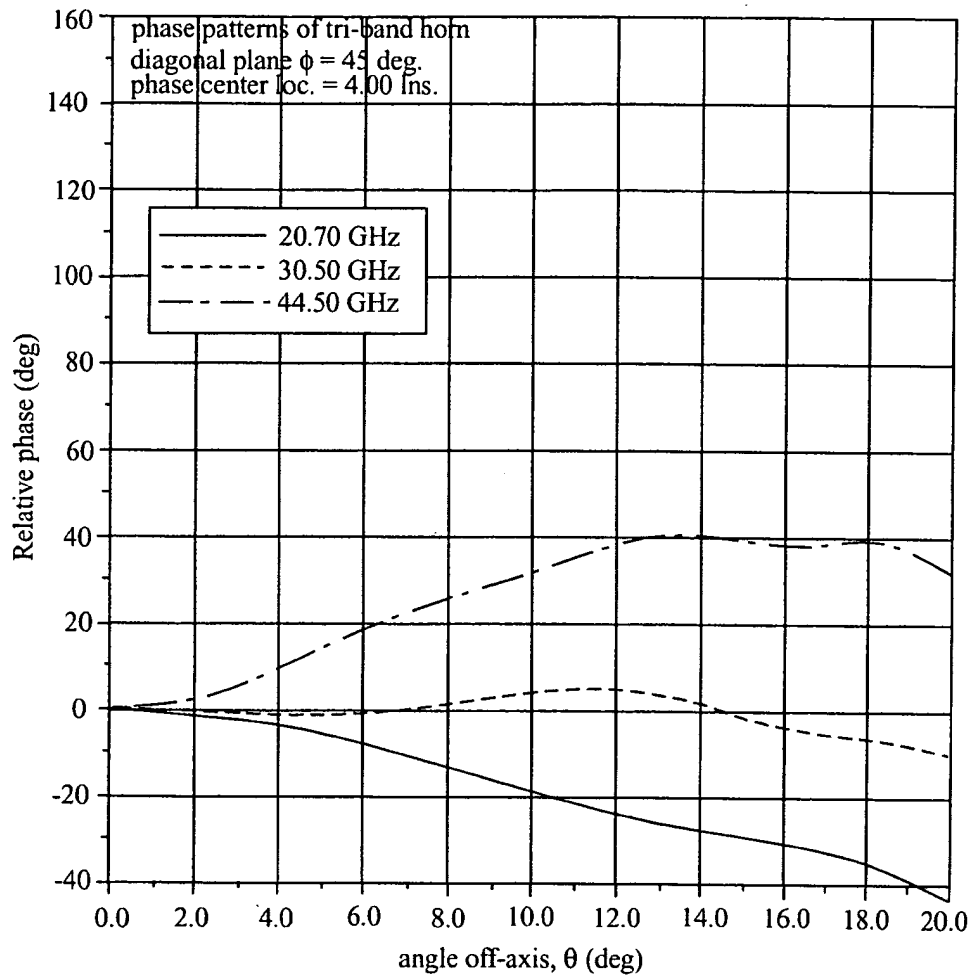


Fig. 17

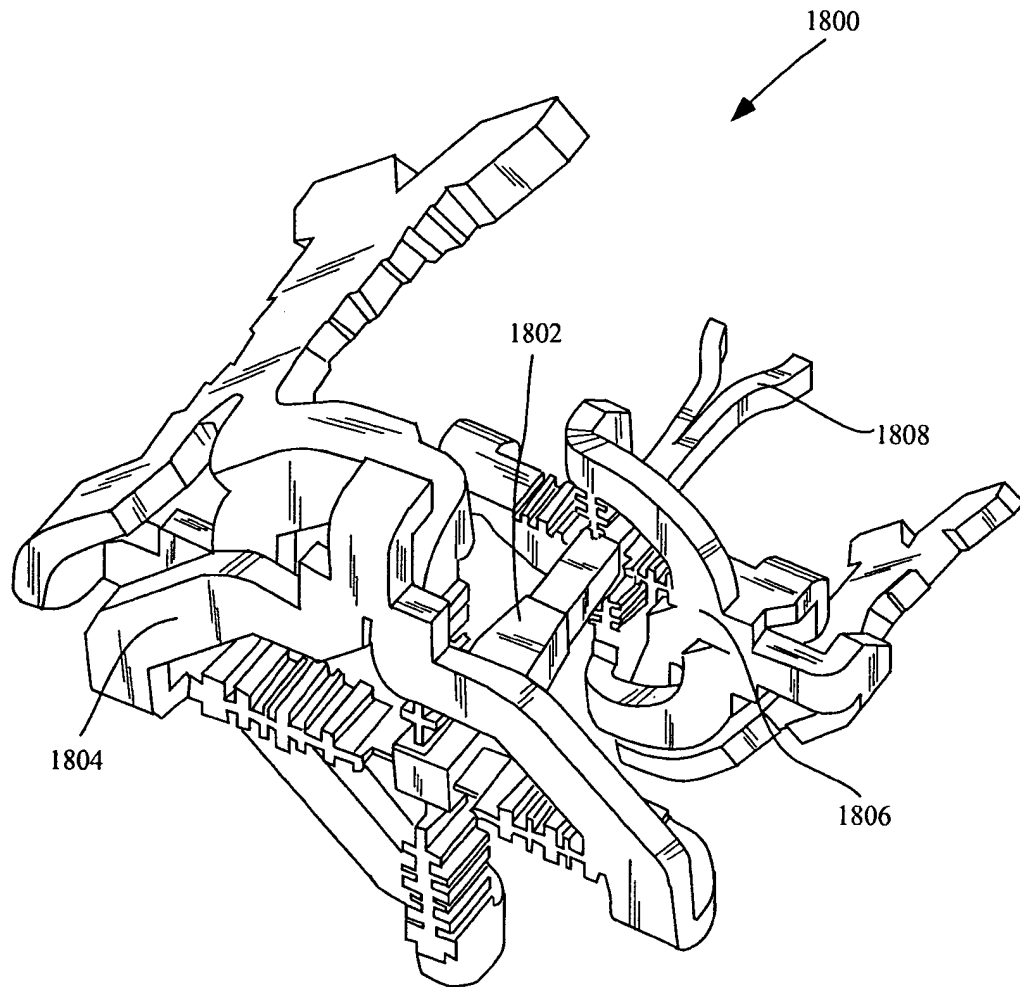


Fig. 18

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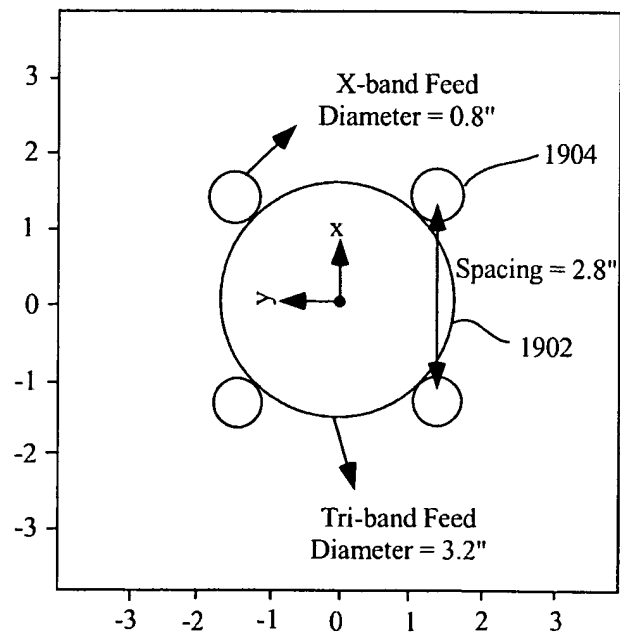
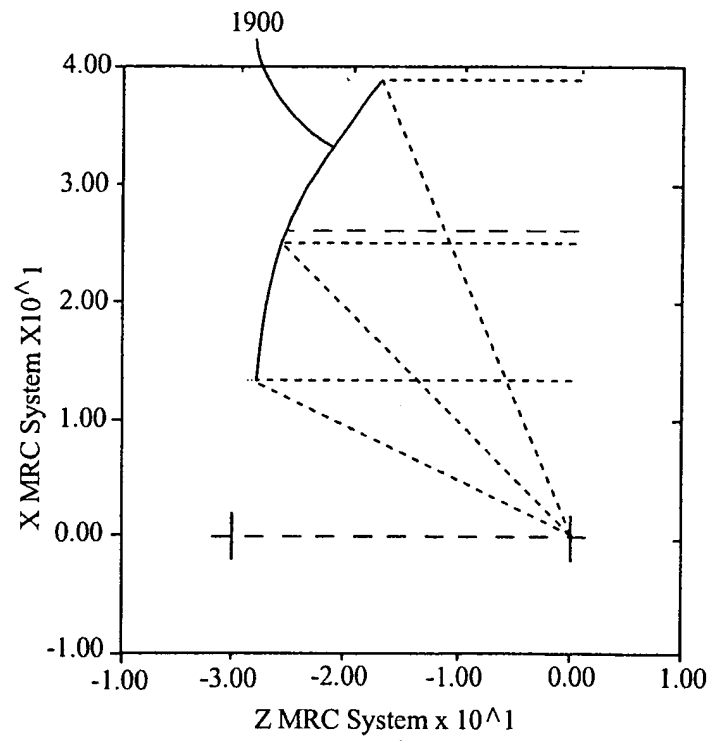


Fig. 19

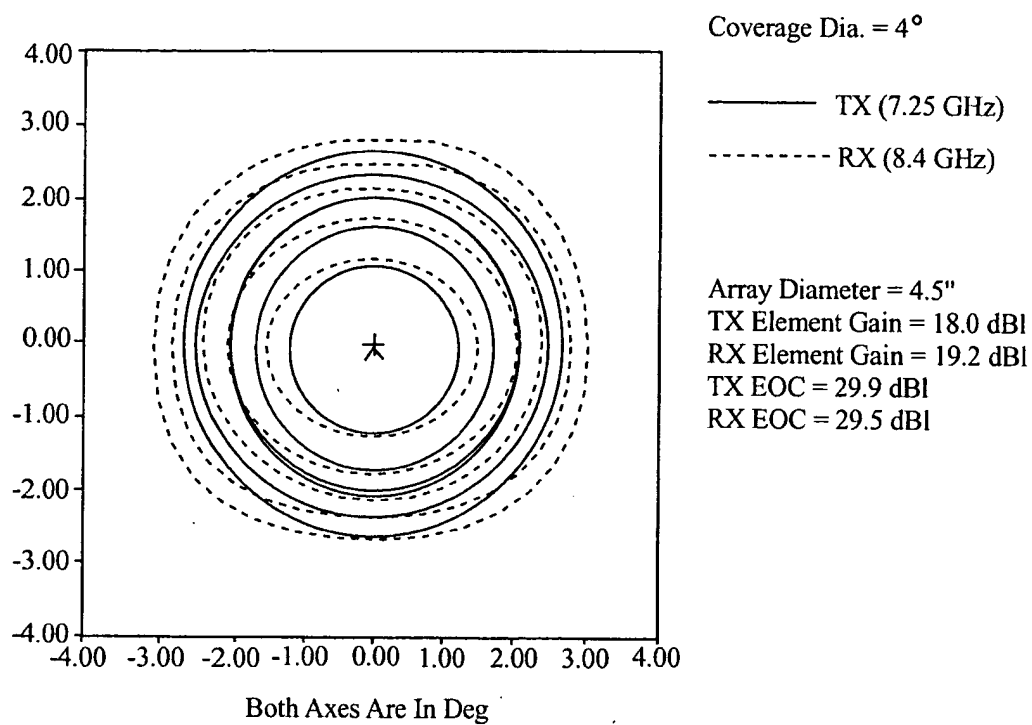


Fig. 20